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Meteorological Observations made at the Apartments of the Royal Society, LONDON, *by the Assistant Secretary,* Mr. Roberton; *by* Mr. Thompson *at the Garden of the Horticultural Society at* CHISWICK, *near London; by* Mr. Veall, *at* BOSTON; *by the* Rev. W. Dunbar, *at Applegarth Manse,* DUMFRIES-SHIRE; *and by the* Rev. C. Clouston, *at Sandwick Manse,* ORKNEY.

Days of Month.	Barometer.								Thermometer.										Wind.					Rain.					Dew-point,
	London: Roy. Soc. 9 a.m.	Chiswick.		Boston. 8½ a.m.	Dumfries-shire.		Orkney, Sandwick.		London: R.S.			Chiswick.		Boston. 8½ a.m.	Dumf.-shire.		Orkney, Sandwick.		London: R.S. 9 a.m.	Chiswick. 1 p.m.	Boston.	Dumfries-shire.	Orkney, Sandwick.	London: R.S. 9 a.m.	Chiswick.	Boston.	Dumfries-shire.	Orkney, Sandwick.	Lond. R.S. 9 a.m.
1842. Oct.		Max.	Min.		9 a.m.	9 p.m.	9½ a.m.	8½ p.m.	Fahr. 9 a.m.	Self-reg. Mx.	Self-reg. Mn.	Max.	Min.		Max.	Min.	9½ a.m.	8½ p.m.											
1.	30·268	30·275	30·200	29·76	30·25	30·23	30·31	30·28	50·7	56·5	46·8	59	31	50	65	38	52	50½	nw.	ne.	calm	ne.	nw.	.....	.....	·19	.....	·07	48
2.	30·336	30·300	30·149	29·82	30·20	30·12	30·16	30·22	46·2	57·6	42·8	60	32	50	59	44	51	43½	nnw.	ne.	calm	wnw.	w&n.	.....	.....	.....	.....	.....	46
3.	30·106	30·089	30·010	29·50	30·10	30·09	30·27	30·22	50·2	56·7	45·8	57	38	50	54	41	44	44	nnw.	ne.	calm	wnw.	nw.	.....	.....	.....	.....	.....	47
4.	30·096	30·123	30·052	29·57	30·11	30·10	30·09	30·08	50·3	59·4	45·2	57	29	48·5	54½	30	51	49	nnw.	ne.	calm	nw.	wnw.	.....	.....	·04	.....	·10	46
5.	30·236	30·238	30·190	29·70	30·12	30·19	30·12	30·21	43·3	56·0	42·3	61	31	41	59	35½	52	51½	nnw.	n.	w.	nnw.	nw.	.....	.....	.....	.....	·03	43
6.	30·334	30·288	30·250	29·77	30·23	30·20	30·20	30·06	46·0	48·3	42·7	60	34	50	56½	41½	50	53	nw.	ne.	calm	nw.	wnw.	.....	.....	.....	.....	·06	42
7.	30·314	30·298	30·258	29·74	30·18	30·25	30·16	30·36	51·4	59·3	46·8	61	39	49	58	48	52½	52	w.	ne.	calm	nnw.	nw.	.....	.....	0·00	·17	.....	47
8.	30·416	30·436	30·348	29·83	30·39	30·40	30·43	30·46	53·9	60·7	51·0	58	39	52	58	32	52	52	n.	ne.	calm	se.	wnw.	.....	.....	.....	.....	.....	50
9.	30·540	30·490	30·447	30·00	30·41	30·36	30·45	30·34	51·3	50·2	48·5	59	49	53	55½	39	51	51	n.	ne.	calm	se.	sw&s.	.....	.....	.....	.....	.....	48
10.	30·510	30·451	30·386	29·94	30·30	30·25	30·15	30·01	53·7	58·2	51·0	64	34	51·5	55½	48	54½	54½	n.	ne.	calm	wsw.	sw.	.....	.....	.....	.....	·02	48
11.	30·410	30·363	30·282	29·82	30·26	30·28	30·24	30·38	47·8	56·3	46·3	64	44	47	63	49	52	51	nnw.	ne.	calm	wsw.	wnw.	.....	.....	.....	.....	·02	48
12.	30·332	30·286	30·244	29·74	30·30	30·24	30·40	30·31	52·4	59·6	48·3	54	47	50	58½	34½	51	51½	nnw.	ne.	calm	sse.	wnw.	.....	.....	.....	.....	.....	46
13.	30·302	30·258	30·220	29·80	30·19	30·12	30·20	30·07	51·7	58·3	49·2	55	37	50	56	29½	51½	52½	n.	ne.	calm	s.	w.	.....	.....	.....	.....	.....	49
14.	30·252	30·208	30·204	29·67	30·08	30·09	29·99	29·99	48·8	56·3	45·9	57	42	50	56½	41½	54	54	nnw.	w.	calm	wsw.	w.	.....	.....	.....	.....	·06	48
15.	30·312	30·263	30·233	29·73	30·13	30·15	30·04	30·16	51·0	54·7	49·5	61	48	51	57	48	54	53	w.	se.	calm	wsw.	w.	.....	.....	.....	.....	·07	47
16.	30·288	30·235	30·171	29·77	30·18	30·14	30·21	30·13	51·7	55·8	51·3	55	48	51	53	46	54	53	w.	ne.	calm	wnw.	w.	.....	.....	.....	0·00	·11	49
17.	30·070	30·045	29·664	29·56	29·90	29·51	29·73	29·40	51·7	57·6	51·0	56	45	51	53	46	53	45½	nnw.	e.	calm	wnw.	w.	.....	.....	.....	.....	·05	48
18.	29·482	29·465	29·202	28·94	29·24	29·20	29·15	29·40	52·0	54·2	49·6	57	35	49	54	38	42	39	s.	sw.	w.	sw.	sw&w	.....	.....	.....	.....	.....	51
19.	29·280	29·518	29·250	28·84	29·30	29·46	29·40	29·43	42·3	57·8	40·8	59	25	41	46	33	35	37½	w.	nw.	nw.	n.	n.	.....	.40	.....	.....	·69	48
20.	29·672	29·739	29·647	29·22	29·50	29·65	29·47	29·71	37·3	48·2	36·6	50	22	36	47	20½	33	39	w.	w.	calm	n.	n.	.....	·02	·18	.....	·50	42
21.	29·912	29·980	29·883	29·47	29·85	29·80	29·88	29·66	38·0	47·0	34·3	50	20	34	47	24	36½	41½	nw.	nw.	w.	w.	n&sw.	.....	.....	.....	.....	·35	38
22.	29·700	29·726	29·025	29·29	29·05	28·70	28·88	28·85	40·0	45·7	32·7	48	38	37	49	33	43	45	s.	sw.	w.	w.	se & e.	.....	·50	.....	0·45	·58	36
23.	28·792	29·956	28·802	28·50	28·75	28·92	29·08	29·30	44·7	48·8	39·7	52	30	40	50	39	43	42	s.	sw.	calm	w.	ne.	·444	·07	·17	.....	·55	40
24.	29·194	29·546	29·171	28·80	29·23	29·33	29·31	29·20	42·3	50·6	37·5	46	27	43	46	27½	40	38	w.	sw.	w.	nw.	n&nw	.....	.....	.....	.....	·17	39
25.	29·634	29·623	29·333	29·25	29·34	29·06	29·25	29·33	41·3	46·7	35·7	47	27	36·5	45	30	35	29½	sse.	sw.	calm	ese.	nw.	·013	·72	·21	.....	·15	37
26.	29·590	29·625	29·572	29·12	28·96	29·08	28·90	29·13	37·8	49·0	34·0	45	36	34	48	36	35	39	s.	sw.	w.	sw.	e&ne.	·344	.....	·09	.....	·52	38
27.	29·700	29·691	29·677	29·23	29·28	29·40	29·27	29·54	42·4	45·3	38·3	52	33	43	46	38	42	44	s.	w.	calm	wnw.	n.	.....	.....	.....	.....	·73	38
28.	29·552	29·942	29·743	29·17	29·50	29·57	29·66	29·78	40·5	51·0	40·0	53	24	41·5	48	36	42½	42	w.	w.	calm	n.	n.	.....	.....	.....	.....	·20	39
29.	29·806	29·807	29·770	29·40	29·78	29·82	29·84	29·75	37·3	50·6	35·2	51	23	40	47½	32	40	42½	ssw.	sw.	calm	wnw.	calm	.....	.....	.....	.....	·06	36
30.	30·116	30·158	30·101	29·72	29·79	29·92	29·65	29·79	37·4	49·0	34·8	51	39	37	52	30½	49	47½	sw.	sw.	calm	wsw.	w.	.....	.....	.....	0·60	·18	36
31.	30·268	30·234	30·223	29·75	30·04	30·05	29·87	29·86	47·7	49·7	37·6	52	33	47·5	51½	44½	50	51	s.	sw.	calm	sw.	w.	.....	.....	.....	.....	.....	40
Mean.	29·994	30·053	29·893	29·49	29·836	29·697	29·830	29·851	46·2	53·4	42·9	55·19	34·80	45·2	53·2	37·2	46·62	46·41						Sum. 1·289	1·71	0·88	1·05	5·68	Mean. 43